Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 10 Jun 2023 until 23:59 on Sunday 11 Jun 2023

Forecast Issued on Friday 09 Jun 2023 at 15:36

Confidence: High for main theme of hotter but potentially stormy conditions, but low for shower and thunderstorm detail and persistence into the evenings.

Headline for Saturday 10 Jun 2023: Very warm, with early sunshine giving way to risk of hail and thundery downpours later.

Mountain weather hazards on Saturday 10 Jun 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
High Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Sunny	Sunny	Thundery showers	Heavy rain showers	Sunny intervals
Precipitation probability							
10%	10%	10%	10%	30%	40%	40%	20%

Forecast for Saturday 10 Jun 2023

Weather: Extensive low cloud in eastern parts of the Park should again burn back into daylight hours, perhaps more readily than of late. This should clear to sunny periods during the morning, with the UV index becoming high. Morning conditions do not, however, reflect those developing later on, and great care should be taken with regard to the development of thunderstorms into the afternoon.

Chance of cloud-free hill tops above 600m: Perhaps 20% in the east at first, becoming generally greater than 90%.

Low cloud and visibility: Areas of cloud down to 300m possible in the east at first, soon clearing. Visibility generally very good, but very marked localised deterioration in hail and heavy showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Saturday 10 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/26 E	18/23 E	18/24 E	18/24 E	19/26 E	17/26 E	16/24 E	15/24 E	15/23 E
300	14/19 NE	15/20 NE	14/19 NE	12/17 NE	20/28 E	17/26 E	11/19 E	14/26 E	13/23 E
Valley	17/34 E	17/32 E	17/31 E	16/29 E	15/28 E	15/28 E	9/20 E	11/23 E	10/19 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	10/6	12/8	14/10	18/14	22/18	20/17	17/13	15/12
300	10/7	10/7	12/9	17/15	22/17	24/21	23/22	19/16	17/14
Valley	11/8	11/8	13/10	18/14	23/20	25/22	24/22	19/17	17/15
Freezing Level*	2600m	2600m	2700m	2900m	2900m	2900m	3000m	2900m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The presence of thunderstorms is likely to give a risk of more variable winds than shown through the afternoon and evening, with strengths perhaps to 40mph or so.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 09 Jun 2023	0mm	0mm	0mm

Forecast for Sunday 11 Jun 2023

Weather: Remaining thundery showers fading through the early hours to leave the Park largely dry by dawn, but cloudier than of late, with some ragged low cloud around. Probably bright rather than sunny through the morning, with rising temperatures again sparking the risk of further heavy, slow-moving thundery showers with hail in places. These are likely to continue on into evening, very gradually easing.

Maximum wind: 20mph, mainly southeasterly, but some variability given showers.

Chance of cloud-free hill tops above 600m: 90%.

Low cloud and visibility: Some low cloud to around 500m and perhaps some valley mist, tending to clear into daybreak.

Temperature: **Valleys:** Plus 13 becoming plus 25 Celsius.
At 600m: Plus 17 Celsius.
Freezing level: Well above the peaks.

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